

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number  
**WO 03/104848 A2**

- (51) International Patent Classification<sup>7</sup>: **G02B**
- (21) International Application Number: PCT/IL03/00457
- (22) International Filing Date: 1 June 2003 (01.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- |            |                               |    |
|------------|-------------------------------|----|
| 150054     | 5 June 2002 (05.06.2002)      | IL |
| 150055     | 5 June 2002 (05.06.2002)      | IL |
| 60/393,747 | 8 July 2002 (08.07.2002)      | US |
| 60/448,808 | 20 February 2003 (20.02.2003) | US |
- (71) Applicant (for all designated States except US): **QUANTOMIX LTD.** [IL/IL]; P.O. Box 4037, 70400 Nes Ziona (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BEHAR, Vered** [IL/IL]; 202, 90815 Beit Zayit (IL). **NECHUSHTAN, Amotz** [IL/IL]; 32 Haalon Street, 76858 Aseret (IL). **KLIGER, Yossef** [IL/IL]; 17 Mivza Nachshon Street, 74554 Rishon Le'Zion (IL). **GILEADI, Opher** [IL/IL]; 4 Paldi Street, 76248 Rehovot (IL).
- (74) Agents: **SANFORD T. COLB & CO.** et al.; P.O. Box 2273, 76122 Rehovot (IL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR SEM INSPECTION OF FLUID CONTAINING SAMPLES

(57) Abstract: A B S T R A C T A method of visualizing a sample in a wet environment including introducing a sample into a specimen enclosure in a wet environment and scanning the sample in the specimen enclosure in a scanning electron microscope, thereby visualizing the sample.

WO 03/104848 A2